

In the Abstract

In response to the first objection, on page 12, line 10, after "(3)." delete the sentence -- This process achieves stable gasification at lower temperatures, with a good burnout of residual material while avoiding the formation of large quantities of slag. --

The second objection is not understood. The previous amendment changed the first sentence for clarity and grammatical correctness, by changing the word "this" to "a". It is hard to imagine why this would be objectionable, but applicants would be willing to make whatever changes the examiner deems necessary.

In the Specification

At page 7, line 7, before "gas flue" delete "waste".

At page 8, line 2, before "gas cleaning system" delete "exhaust".

In the Claims

1. (Twice Amended) A process for creating and utilizing gas from waste materials, wherein the waste materials comprise combustible components, the waste materials residing in a charging area above a grate and being [are] conveyed along [a] the grate in [a] the furnace [and] with combustion air [is] being supplied to the furnace, the grate including at least two undergrate forced draft chambers arranged in the longitudinal direction of the grate, said process comprising: supplying combustion air to the undergrate forced draft chambers in such a way that the waste materials residing in [a] the charging area above the grate at a first end [thereof] of the grate are ignited while oxygen is supplied at a superstoichiometric level[,] and such that, at a second end of the grate[,] in the direction of slag removal, the combustion of the waste materials is limited to a substoichiometric level necessary for gasification of the combustible components.